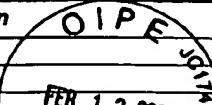


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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: February 13, 2004 (use as many sheets as necessary) | | | |  FEB 13 2004 U.S. PATENT & TRADEMARK OFFICE | |
| Sheet | 1 | of | 1 | Application Number | 10/661,767 |
| | | | | Filing Date | 09/15/2003 |
| | | | | First Named Inventor | Chikashi NIIMI |
| | | | | Group Art Unit | 2858 |
| | | | | Examiner Name | Unassigned |
| | | | | Attorney Docket Number | 044499-0178 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|-------------------------|---------------------|-----------------------------------|--|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| V.N. | A1 | JP | 5-144524 | A | KARL LUMBERG GMBH & CO. | 06-11-1993 | Abs. |
| V.N. | A2 | JP | 2001-75117 | A | SEIKO EPSON CORP. | 03-23-2001 | Abs. |
| None / V.N. | | | | | | | |

| NON PATENT LITERATURE DOCUMENTS | | | | | | | |
|---------------------------------|-----------------------|--|--|--|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | | T ⁶ |
| | | None / V.N. | | | | | |

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|--------------------|-----------|-----------------|--------|
| Examiner Signature | V. Nguyen | Date Considered | 9/2004 |
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